STANDARD OBSERVATIONS

As required by Monitoring & Reporting Program No. 94-32 for the Foxen Canyon Class III Landfill, the following observations were made for the period of January 1 through June 30, 1998. The format of information is consistent with the outline provided in the Monitoring & Reporting Program 94-32 (page 9).

FOXEN CANYON SANITARY LANDFILL

During the previous six-month period, significant rainfall occurred throughout the State of California (particularly within the first quarter of 1998). This unusual event has been attributed to what is termed El Nino, an unusual warming of the Pacific Ocean. It has been observed that the Foxen Canyon landfill performed well during these difficult climatic circumstances. Monthly inspections performed by the Local Enforcement Agency with the California Integrated Waste Management Board indicate that overall performance as related to drainage was adequate except in March. LEA/CIWMB inspections revealed the following:

January	0 – Violations
February	0 - Violations
March	5 – Violations: 1. Significant Change 2. Operator Complies with Permit Terms and Conditions 3. Grading of Fill Surfaces 4. Daily Cover 5. Explosive Gases Control Conclusion to Inspection: The Foxen Canyon SLF is operating in compliance with most of the state minimum standards. The site has good security and litter control. Additionally, erosion control on the slopes above the site office and household hazardous waste storage yard were excellent, since the operator seeded the slopes prior to the rainy season with seeds and wood chips. The operator needs to better maintain grading at the site, particularly in the working areas, so that precipitation will runoff rather than pond. Additionally, the operator needs to make sure that wastes deposited each day in the active area are thoroughly covered. Finally, the operator needs to continue working diligently to correct the LFG problem at the site.
April	0 - Violations
May	0 – Violations
June	1 – Violations: 1. Explosive Gas Control

Self-inspections performed by the Solid Waste & Utilities Division (SWUD) revealed the following:

Receiving Waters: High volumes of precipitation in January, February and March created high flows of water within drainage control devices designed to protect the waste management unit from run-on. There were no odors, and no discoloration of the receiving waters.

Along the Perimeter of the Unit: During intense periods of rainfall, erosion of a slope on the borrow area occurred. The size of the eroded area was approximately twenty feet by one hundred feet. Also, adjacent to the working face on the fill slope erosion rills did occur during the heavy rain fall events. Wood chips are being place on the borrow area to help control any future erosion. The fill slope has been regraded to remove the erosion rills and the area will be covered with wood chips and seeded.

For the Unit: In March, the LEA/CIWMB noted an area of ponding at the working face. Shortly after the notification, landfill operations promptly regraded the area to promote positive drainage. Overall, adequate grades have been established at the landfill so that precipitation drains to control devices. There were no odors and no discharge of waste from the landfill during this reporting period.

FOXEN CANYON LANDFILL

MW#3 VOLATILE ORGANIC COMPOUNDS (ug/l)

Date	03/03/98	06/02/98
trimethylsilanol [1]	7.60	28.0
methoxytrimethylsilane [1]	ND	5.8

MW#4 VOLATILE ORGANIC COMPOUNDS (ug/l)

Date	03/10/98	06/02/98
trimethylsilanol [1]	6.2	ND

MW#8 VOLATILE ORGANIC COMPOUNDS (ug/l)

Date	03/03/98	06/01/98
trimethylsilanol [1]	7.4	54
fluorotrimethylsilane [1]	ND	12
methoxytrimethylsilane [1]	ND	20

MW#9 INORGANIC COMPOUNDS (mg/l)

Date	mcl	03/09/98	06/01/98 (dry)
Nitrate	45.0	47	
nitrogen, nitrate	10.0	11	

MW#10 VOLATILE ORGANIC COMPOUNDS (ug/l)

Date	mcl	03/09/98	06/01/98	06/22/98dr	06/23/98dr
tetrachloroethene (PCE)	5.0	0.76	3.0	1.3	2.7
trimethylsilanol [1]		ND	40	ND	ND
methoxytrimethylsilane [1]		ND	62	ND	ND
fluorotrimethylsilane [1]		ND	22	ND	ND

LY#1 VOLATILE ORGANIC COMPOUNDS (ug/l)

Date	03/03/98	06/02/98
trimethylsilanol [1]	17	ND

LY#2 VOLATILE ORGANIC COMPOUNDS (ug/l)

Date	mcl	03/03/98	06/02/98	06/16/98dr	06/17/98dr
cis-1,2-dichloroethene	6.0	ND	17	12	19
dichlorodifluoromethane		ND	4.1	ND	3.2
tetrachloroethene (PCE)	5.0	ND	14	13	19
trichloroethene (TCE)	5.0	ND	5.6	5.4	7.3
vinyl chloride	0.5	ND	63	29	51
dichlorofluoromethane [1]		ND	8	ND	ND

[1] – Tentatively Identified Compound
ND – not detected above PQL
mcl – California Maximum Contaminant Level
dr – Discrete Retest
A discrete retest was not performed for tentatively identified compounds.

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